ELSEVIER

Journal of Hazardous Materials 42 (1995) 309–310

JOURNAL OF HAZARDOUS MATERIALS

Contents Volume 42

Regular Papers

Investigations into the distributions of hydrocarbon concentrations in underground tanks of petrol stations
D.-H. Frobese (Braunschweig, Germany) 1

Toxicity test with ceramic sludges
R. Font, J.L. Marín and M.C. Sabater (Alicante, Spain) 15

Metal spikes for incinerator and BIF compliance test and trial burn
L. Weitzman (West Lafayette, IN, USA), A. George (Pasadena, TX, USA), B. Schofield (Kemah, TX, USA) and F. Pfeffer (Brentwood, TN, USA) 37

Low level detection of chemical agent simulants in meat and milk by ion trap mass spectrometry
M.V. Buchanan, R.L. Hettich, J.H. Xu, L.C. Waters and A. Watson (Oak Ridge, TN, USA) 49

Removal of benzo(*a*)pyrene in soil composting systems amended with the white rot fungus *Phanerochaete chrysosporium*
M.J. McFarland (Logan, UT, USA) and X.J. Qiu (South Charleston, WV, USA) 61

Anaerobic toxic wastes treatment: dilution effects
G.F. Nakhla (Dhahran, Saudi Arabia) and M.T. Suidan (Cincinnati, OH, USA) 71

Characterization of chromium doped tricalcium silicate using SEM/EDS, XRD and FTIR
O.E. Omotoso, D.G. Ivey (Edmonton, Alta., Canada) and R. Mikula (Devon, Alta., Canada) 87

Book Reviews 103

Reviews

A review of polymeric geosynthetics used in hazardous waste facilities
J.D. Ortego (Beaumount, TX, USA), T.M. Aminabhavi, S.F. Harlapur and R.H. Balundgi (Dharwad, India) 115

A literature review of the physics and predictive modelling of oil spill evaporation
M.F. Fingas (Ste. Anne-de-Bellevue, Quebec, Canada) 157

Regular Papers

Problems in experimental measurements of dust explosions
K.J. Mintz (Ottawa, ON, Canada) 177

Modeling dense gaseous contaminant pathways over complex terrain using a geographic information system
G.F. Hepner and M.V. Finco (Salt Lake City, UT, USA) 187

Zero-valent iron for the in situ remediation of selected metals in groundwater
K.J. Cantrell, D.I. Kaplan and T.W. Wietsma (Richland, WA, USA) 201

Announcements 213

Regular Papers

Thermochemical analysis of 1-methylamino-1-methylthio-2-nitroethene synthesis
A. Koshy, M. Surianarayanan and K.V. Raghavan (Madras, India) 215

EnviroCAD: A computer tool for analysis and evaluation of waste recovery, treatment and disposal processes
D.P. Petrides, K.G. Abeliotis, V. Aelion (Newark, NJ, USA), E. Venkat (Rahway, NJ, USA) and S.K. Mallick (Newark, NJ, USA) 225

Application of surfactant solutions and colloidal gas aphron suspensions in flushing naphthalene from a contaminated soil matrix
D. Roy, S. Kongara and K.T. Valsaraj (Baton Rouge, LA, USA) 247

Chemical resistance testing of geomembrane liners
R.I. Stessel and J.S. Hodge (Tampa, FL, USA) 265

Soil–metal interactions: Associations of macroconstituent fractions in selected soils
A. Barona, F. Romero and C. Elejalde (Bilbao, Spain) 289

Technical Note

Estimation of ammonium perchlorate in HTPB based composite solid propellants using Kjeldahl method
A.G. Ajaz (Karachi, Pakistan) 303

Author Index Volume 42 307
Contents Volume 42 309